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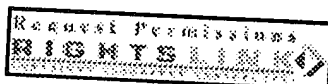
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MPEG: achievements and future projects

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Abstract

This paper gives a brief account of the four MPEG standards, three established and one in progress, by giving a summary description of their functionalities and usage. For MPEG-1 and MPEG-2, in the hands of industry, the paper describes how they are being used to convert old analog to digital ones and how new applications are being created. For MPEG-4, the standard that is not yet completed, the paradigm that has driven its development and some application areas are described. For MPEG-7, the standardisation project recently started, its strategic role for the development of the standard is highlighted.

Index Terms

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[code standards](#) [multimedia systems](#) [standardisation](#) [telecommunication stand](#)
[coding](#)

Non-controlled Indexing

[MPEG standards](#) [MPEG-1](#) [MPEG-2](#) [MPEG-4](#) [MPEG-7](#) [future projects](#) [multimedia](#)
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Author Keywords

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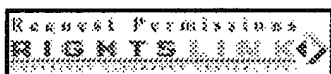

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Distributed file sharing: barbarians at the gates?

Macedonia, M.

Simulation, Training & Instrum. Command, US Army, Orlando, FL, USA;

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Abstract

Will the MP3 format and Napster's distributed file sharing bankrupt music publishers or help more consumers? Given technology's relentless pace, a Palm X or Nokia 3G phone may MP3 platform of choice. The author is putting his money on a closed, Web-based system, Regardless, with AOL/Time Warner - the world's largest media/Internet/cable/browser/e-n race, we should be guaranteed an exciting ride

Index Terms

Inspec

Controlled Indexing

[Internet](#) [distributed databases](#) [entertainment](#) [multimedia databases](#) [music](#) [economic effects](#)

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[AOL/Time Warner](#) [Internet](#) [MP3 format](#) [Napster.com](#) [Nokia 3G telephone](#) [P computer](#) [closed World Wide Web-based system](#) [distributed file sharing](#) [enter computing](#) [market reach](#) [media](#) [music publishers](#)

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... For example, to extract a gray scale image from an **MPEG** frame, the programmer must **convert** the RGB image returned by the ooMPEG library into a gray scale image ...
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... using proper scientific methods of sampling and quantization that **convert** the analogue ... Media Control Interface that should be able to play **WAV**, **MPEG**, MIDI and ...
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... Wma Mp3 Real Audio Mpeg Quicktime Flash ... Wav, Tek, and Liquid Media are only used for downloading ... is important that we protect our content and **convert** it into a ...
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[PS] Synchronized Multimedia AuthoRing SysTem

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... media content types, including **MPEG-1**, **MPEG-2**, QuickTime, AVI, **WAV**, AU, and ... Later we use some SGI utilizes to **convert** the movies files into **MPEG-1** files ...
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Music Everywhere

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... very close to it, then you can **convert** that signal to ... **WAV** has one of the lowest compression ratios and is ... MP3, AAC is an extension of the **MPEG-2** international ...
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K Davidson, E Director - deakin.edu.au
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SY Iap, HY Kao, CF Ku, YT Lee, SH Lin, YC Pan, CS ... - Proc. IEEE DARE, 1998 - bios.csie.ncnu.edu.tw
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... the prob- lems above, which is presented in this paper, is to perform transcoding